

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3807569

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	OWLSTONE INC.	03/04/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	OWLSTONE MEDICAL LIMITED	
<b>Street Address:</b>	127 CAMBRIDGE SCIENCE PARK	
<b>Internal Address:</b>	MILTON ROAD	
<b>City:</b>	CAMBRIDGE	
<b>State/Country:</b>	UNITED KINGDOM	
<b>Postal Code:</b>	CB4 0GD	
<b>PROPERTY NUMBERS Total: 13</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	7498570	
Patent Number:	7573028	
Patent Number:	7714277	
Patent Number:	8258466	
Patent Number:	7714278	
Patent Number:	8319177	
Patent Number:	8227749	
Patent Number:	9177769	
Patent Number:	7306649	
Patent Number:	7507972	
Patent Number:	8487240	
Patent Number:	7358487	
Application Number:	62265758	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(203)975-7180	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	203.975.7505	
<b>Email:</b>	christina.london@lockelord.com	

**Correspondent Name:** LOCKE LORD LLP  
**Address Line 1:** 201 BROAD STREET  
**Address Line 4:** STAMFORD, CONNECTICUT 06901

<b>ATTORNEY DOCKET NUMBER:</b>	1478084.00001
<b>NAME OF SUBMITTER:</b>	CHRISTINA LONDON
<b>SIGNATURE:</b>	/christina london/
<b>DATE SIGNED:</b>	03/30/2016

**Total Attachments: 4**

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source=Owlstone Inc to Owlstone Medical - executed#page4.tif

## PATENT ASSIGNMENT

**WHEREAS, Owlstone Inc.**, hereinafter "Assignor", a corporation duly organized and existing under the laws of the State of Delaware and having a principal place of business at 761 Main Avenue, Norwalk, Connecticut 06851, is the owner of the entire right, title and interest in and to certain patents and patent applications listed on the Schedule annexed hereto (collectively referred to as the "Patents"); and

**WHEREAS, Owlstone Medical Limited**, hereinafter "Assignee", a private limited company organized and existing under the laws of the United Kingdom and having a principal place of business at **127 Cambridge Science Park, Milton Road, Cambridge, CB4 0GD United Kingdom**, is desirous of acquiring all right, title and interest in and to the Patents; and

**NOW, THEREFORE**, in consideration of Ten Dollars (\$10.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the Patents, including the right to sue for past infringement, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Patents in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Patents may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to said Patents, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Patents, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said Patents, or any proceeding in connection with any Patents in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Patents, or any reissue, reexamination or extension of any Patents, to be obtained thereon, is lawful and desirable.

**AND** Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Patents of the United States to Assignee, as Assignee of said inventions and the Patents to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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IN WITNESS WHEREOF, each party has caused the Agreement to be executed by its duly authorized representative on this 4<sup>TH</sup> day of MARCH, 2016.

OWLSTONE INC.,

Assignor

By: 

Name: BRET BADGER  
Title: CEO

OWLSTONE MEDICAL LIMITED,

Assignee

By: 

Name: Paul Boyle  
Title: Co-founder

[Signature Page to Patent Assignment]

AM 57535627.1

**PATENT**  
**REEL: 038139 FRAME: 0705**

# UNITED STATES PATENTS

No.	Title	Patent Number	Patent Date
1.	Ion Mobility Spectrometer	7,498,570	3-Mar-2009
2.	Ion Drive and Odor Emitter	7,573,028	11-Aug-2009
3.	Smart Faimis Sensor	7,714,277	11-May-2010
4.	Smart Faimis Sensor	8,258,466	4-Sep-2012
5.	Ion Mobility Spectrometer	7,714,278	11-May-2010
6.	Ion Mobility Spectrometer	8,319,177	27-Nov-2012
7.	Pulsed Flow Ion Mobility Spectrometer	8,227,749	24-Jul-2012
8.	Interdigitated Electrode Configuration for Ion Filter	9,177,769	3-Nov-2015
9.	3D Miniature Preconcentrator and Inlet Sample Heater	7,306,649	11-Dec-2007
10.	Compact Ionization Source	7,507,972	24-Mar-2009
11.	Sensor	8,487,240	16-Jul-2013
12.	Ion Gate	7,358,487	18-Apr-2008

# UNITED STATES PATENT APPLICATIONS

No.	Title	Application Number	Application Date
1	Ion Detection Systems and Methods	62/265,758	10-Dec-2015